



## CreteSafe B-250 Superior Concrete Protection

### LIQUID RUBBER CRETESAFE B-250

#### Product Description

CreteSafe B-250 is a spray applied protective and waterproof coating designed to set instantly to concrete surfaces to product a flexible rubber-like membrane. CreteSafe B-250 is comprised of a specific grade of bitumen emulsion which has been modified with elastomeric polymers.

#### Application of the Membrane

Recommended for warm climates CreteSafe B-250 is applied using the HVLP 2000, a dual diaphragm pump system, that is an easy to use and specifically designed spray system available from Liquid Rubber.

CreteSafe B-250 is sprayed concurrently with an inorganic salt solution which transforms the product as a liquid into a continuous rubberized membrane as it contacts with the concrete surface providing the following properties:

- Seamless surface protection and waterproofing
- Security - fully adhered to the concrete so water will not run beneath the membrane.
- Flexibility - no cracking from mechanical impact
- Protection from water, salt and chemical damage
- No VOC content & No harmful odours
- No heating is necessary eliminates fire hazards associated with heating kettles.
- Freeze/thaw stable

#### Drying time

At 25°C and 50% relative humidity, CreteSafe B-250 fully cures in 24-48 hours. Curing time increases in colder temperatures or higher humidity so environmental conditions must be considered before application.

#### Packaging

CreteSafe B-250 is available in:

- 1000 litre totes (IBCs)
- 205 litre plastic drum (55 Gal)

#### Physical Properties (liquid)

Color (Liquid)	Brown to Black
Specific Gravity	Apprx 1.03
Volatile organics	Contains no solvents
% solids (wt) (Liquid)	60 - 63%

#### Physical Properties (membrane)

Water vapor permeance	4.00 ng/Pa.s.m <sup>2</sup> (ASTM 96)
Permeability ASTM E 96	0.071 ng/m/Pa/s
Impact resistance	Pass CGSB 37-GP-56
Chemical resistance	Resists salt water and most organic solutions
Tensile strength	>120 psi
Elongation	>850%
Hardness Durometer 00	85
Low Temp Flex	-5°C
Adhesion to concrete DeFelsco, kPa (psi)	>1240 (>180)
Adhesion to concrete ASTM C836, N/m (lb/in)	303 (17)

#### Suitable Applications include but are not limited to:

- Commercial and industrial foundations
- Conduit and tunnel walls
- Storage and process tank liners
- Retaining Walls
- Secondary protection of pond liners

#### Limitations & Warranty

- Do not apply to dirty or contaminated surfaces
- Do not apply below 5°C
- Avoid contact with solvents and solvent type adhesives

Liquid Rubber warrants its membranes to be free of manufacturing defects. Since methods of application and on-site conditions are beyond our control and can affect performance, Liquid Rubber makes no other warranty, express or implied with respect to its membranes.